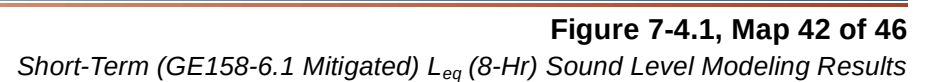
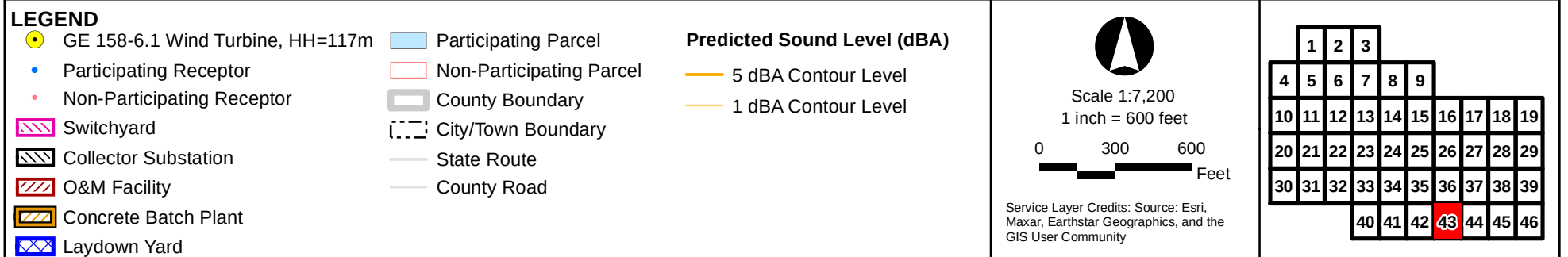


Figure 7-4.1, Map 40 of 46
Short-Term (GE158-6.1 Mitigated) L_{eq} (8-Hr) Sound Level Modeling Results







G:\Projects\2\NY16239\MXD\11x17\Sound\7-4.1_Sound_Results_Short-Term_GE158-5.6_6.1_Mitigated_Leq8-Hr_Map_Series_11x17_20240917.mxd



LEGEND

● GE 158-6.1 Wind Turbine, HH=117m

● Participating Receptor

● Non-Participating Receptor

▨ Switchyard

▨ Collector Substation

▨ O&M Facility

▨ Concrete Batch Plant

▨ Laydown Yard

▨ Participating Parcel

▨ Non-Participating Parcel

▨ County Boundary

▨ City/Town Boundary

▨ State Route

▨ County Road

Predicted Sound Level (dBA)

— 5 dBA Contour Level

— 1 dBA Contour Level

Scale 1:7,200
1 inch = 600 feet

0 300 600 Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

	1	2	3						
4	5	6	7	8	9				
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
						40	41	42	43
							44	45	46

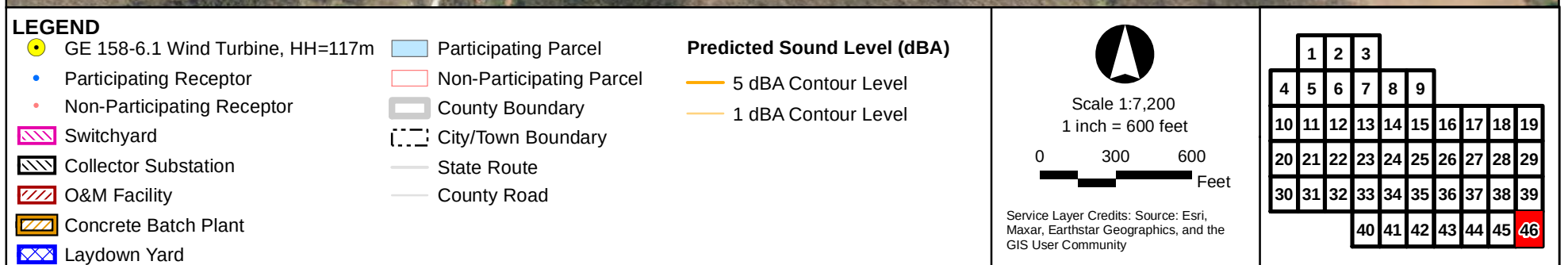


- ### Predicted Sound Level (dBA)

-

A horizontal number line is labeled "Feet" at the right end. It has tick marks at 0, 300, and 600. Below the line, there are three black bars of different lengths. The first bar starts at 0 and ends at 150. The second bar starts at 150 and ends at 300. The third bar starts at 300 and ends at 600. The bars represent the number of people at different distances from the beach.

	1	2	3																
4	5	6	7	8	9														
10	11	12	13	14	15	16	17	18	19										
20	21	22	23	24	25	26	27	28	29										
30	31	32	33	34	35	36	37	38	39										
				40	41	42	43	44	45	46									



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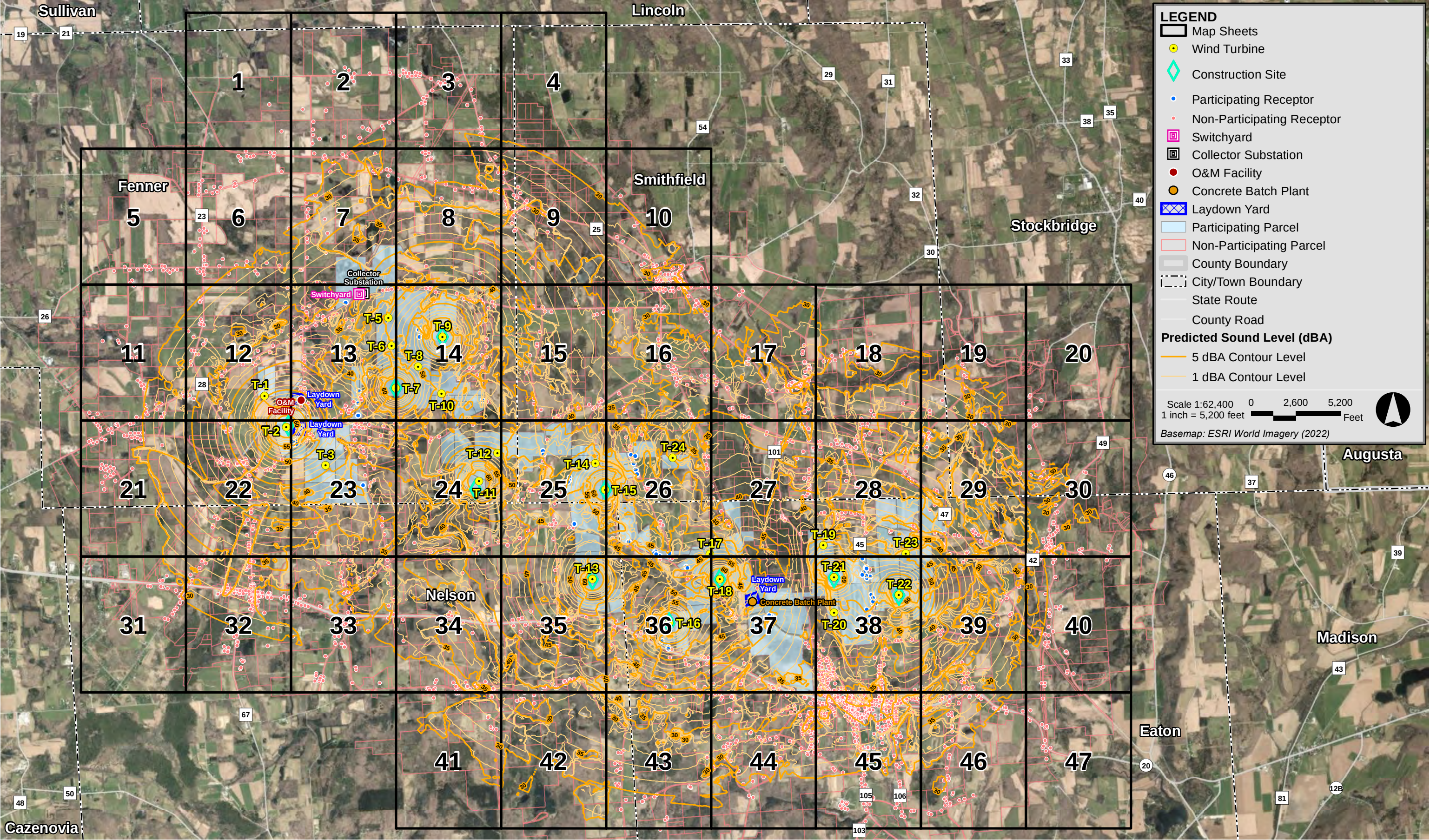


Hoffman Falls Wind Madison County, NY



Figure 7-5.1
Collector Substation L_{eq} (1-Hr) Sound Level Modeling Results

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Hoffman Falls Wind Madison County, NY

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LEGEND

Wind Turbine

Construction Site

Participating Receptor

Non-Participating Receptor

Switchyard

Collector Substation

O&M Facility

Concrete Batch Plant

Laydown Yard

Participating Parcel

Non-Participating Parcel

County Boundary

City/Town Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

1 dBA Contour Level

Scale 1:7,200
1 inch = 600 feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

	1	2	3	4					
5	6	7	8	9	10				
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
			41	42	43	44	45	46	47

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LEGEND

Wind Turbine

Construction Site

Participating Receptor

Non-Participating Receptor

Switchyard

Collector Substation

O&M Facility

Concrete Batch Plant

Laydown Yard

Participating Parcel

Non-Participating Parcel

County Boundary

City/Town Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

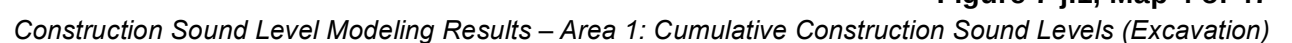
1 dBA Contour Level

Scale 1:7,200
1 inch = 600 feet

0 300 600 Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1	2	3	4						
5	6	7	8	9	10				
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
	41	42	43	44	45	46	47		



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LEGEND

Wind Turbine

Construction Site

Participating Receptor

Non-Participating Receptor

Switchyard

Collector Substation

O&M Facility

Concrete Batch Plant

Laydown Yard

Participating Parcel

Non-Participating Parcel

County Boundary

City/Town Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

1 dBA Contour Level

Scale 1:7,200
1 inch = 600 feet

0 300 600

Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

	1	2	3	4					
5	6	7	8	9	10				
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
			41	42	43	44	45	46	47

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LEGEND

Wind Turbine

Construction Site

Participating Receptor

Non-Participating Receptor

Switchyard

Collector Substation

O&M Facility

Concrete Batch Plant

Laydown Yard

Participating Parcel

Non-Participating Parcel

County Boundary

City/Town Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

1 dBA Contour Level

Scale 1:7,200
1 inch = 600 feet

0 300 600 Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

	1	2	3	4					
5	6	7	8	9	10				
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
			41	42	43	44	45	46	47

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LEGEND

Wind Turbine

Construction Site

Participating Receptor

Non-Participating Receptor

Switchyard

Collector Substation

O&M Facility

Concrete Batch Plant

Laydown Yard

Participating Parcel

Non-Participating Parcel

County Boundary

City/Town Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

1 dBA Contour Level

Scale 1:7,200
1 inch = 600 feet

0 300 600 Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1	2	3	4
5	6	7	8
9	10		
11	12	13	14
15	16	17	18
19	20		
21	22	23	24
25	26	27	28
29	30		
31	32	33	34
35	36	37	38
39	40		
41	42	43	44
45	46	47	

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LEGEND

Wind Turbine

Construction Site

Participating Receptor

Non-Participating Receptor

Switchyard

Collector Substation

O&M Facility

Concrete Batch Plant

Laydown Yard

Participating Parcel

Non-Participating Parcel

County Boundary

City/Town Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

1 dBA Contour Level

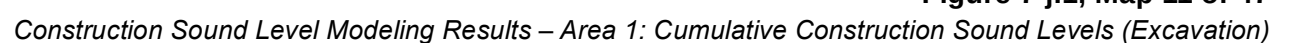
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1 inch = 600 feet

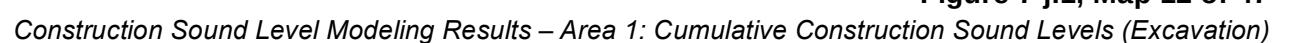
0 300 600 Feet

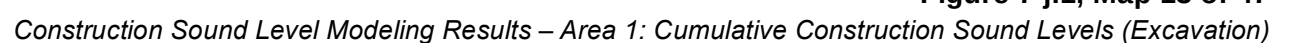
Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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5	6	7	8	9	10				
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
			41	42	43	44	45	46	47











- Predicted Sound Level (dBA)**

-

0 300 600

Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

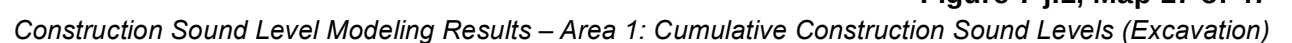
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21	22	23	24	25	26	27	28	29	30										
31	32	33	34	35	36	37	38	39	40										
				41	42	43	44	45	46	47									

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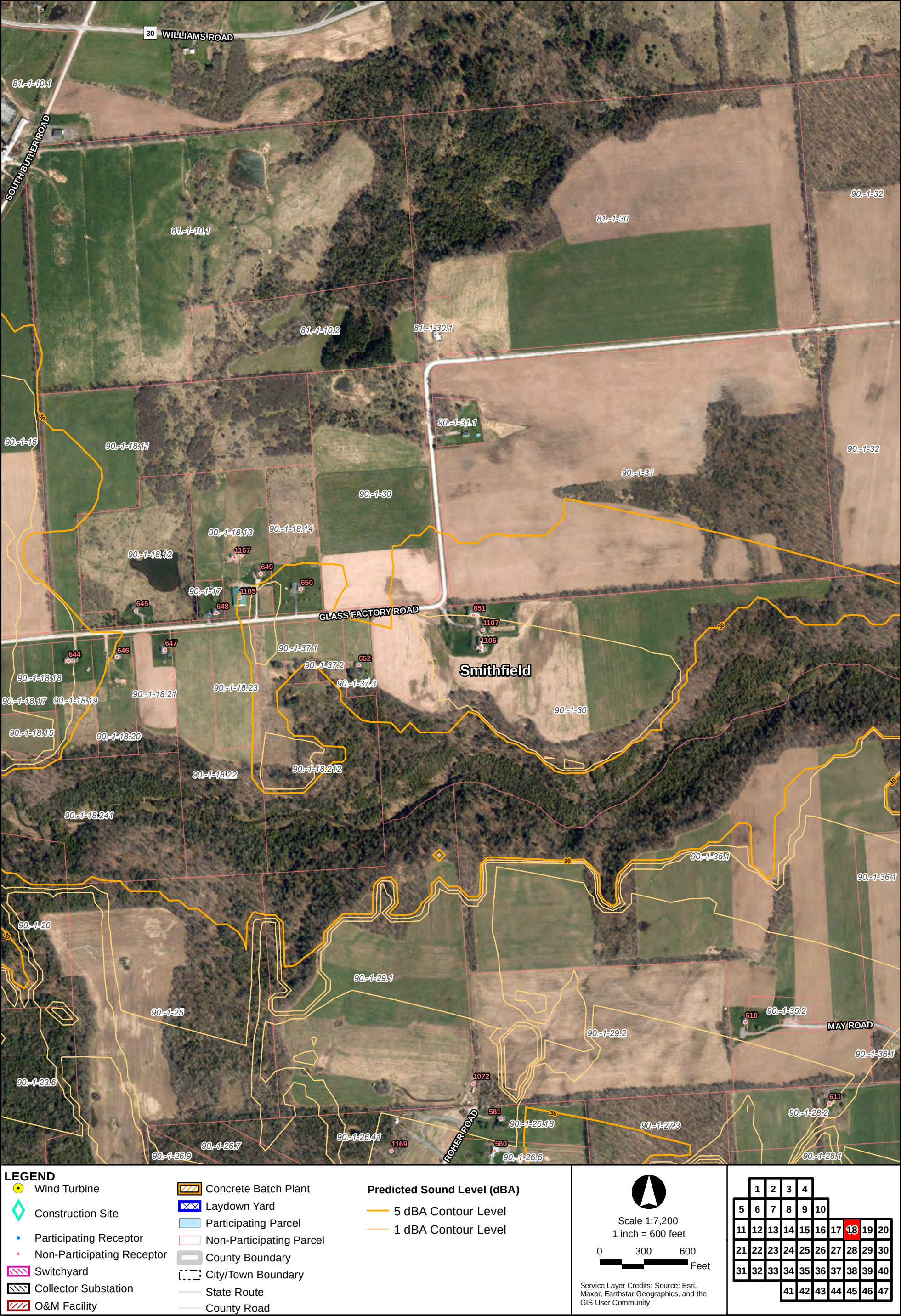


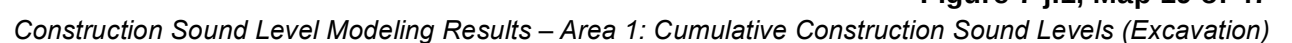
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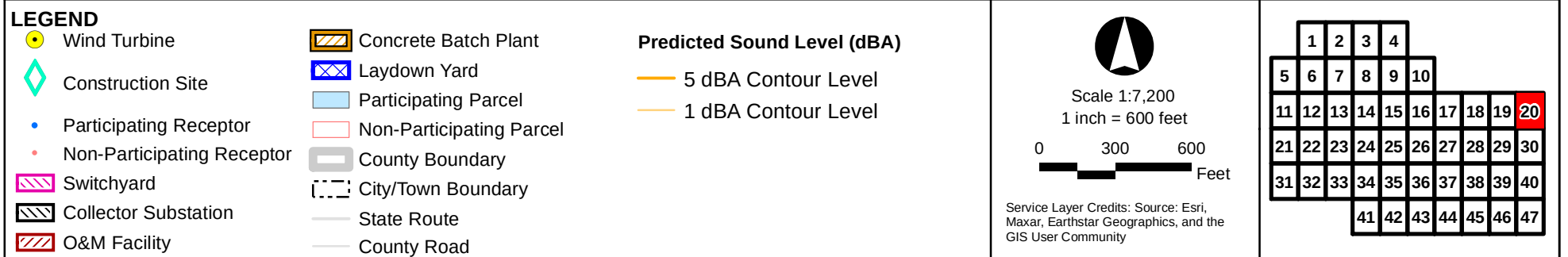




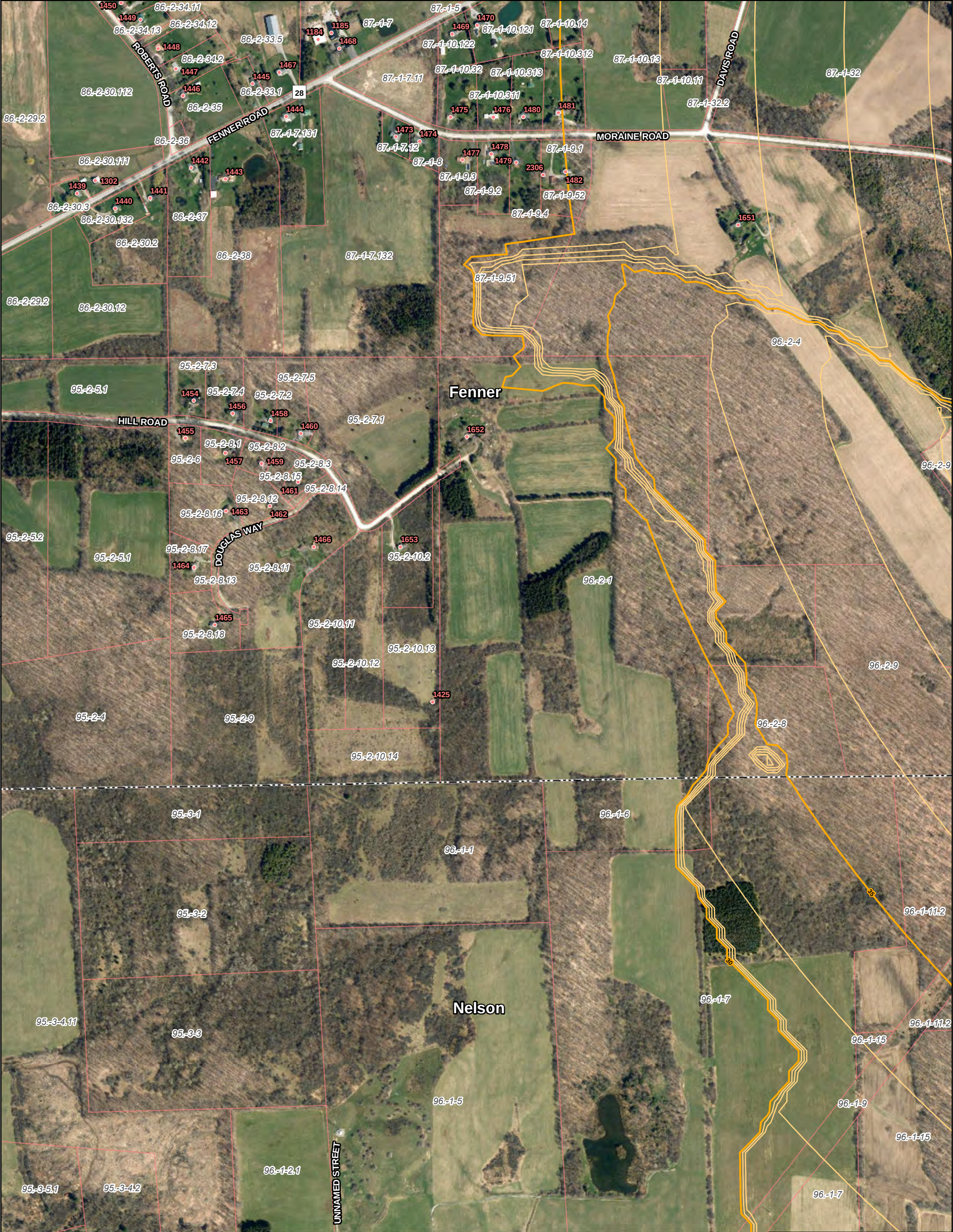
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LEGEND

Wind Turbine

Construction Site

Participating Receptor

Non-Participating Receptor

Switchyard

Collector Substation

O&M Facility

Concrete Batch Plant

Laydown Yard

Participating Parcel

Non-Participating Parcel

County Boundary

City/Town Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

1 dBA Contour Level

Scale 1:7,200
1 inch = 600 feet

0

300

600

Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

	1	2	3	4					
5	6	7	8	9	10				
11	12	13	14	15	16	17	18	19	20
	21	22	23	24	25	26	27	28	29
31	32	33	34	35	36	37	38	39	40
			41	42	43	44	45	46	47

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LEGEND

Wind Turbine

Construction Site

Participating Receptor

Non-Participating Receptor

Switchyard

Collector Substation

O&M Facility

Concrete Batch Plant

Laydown Yard

Participating Parcel

Non-Participating Parcel

County Boundary

City/Town Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

1 dBA Contour Level

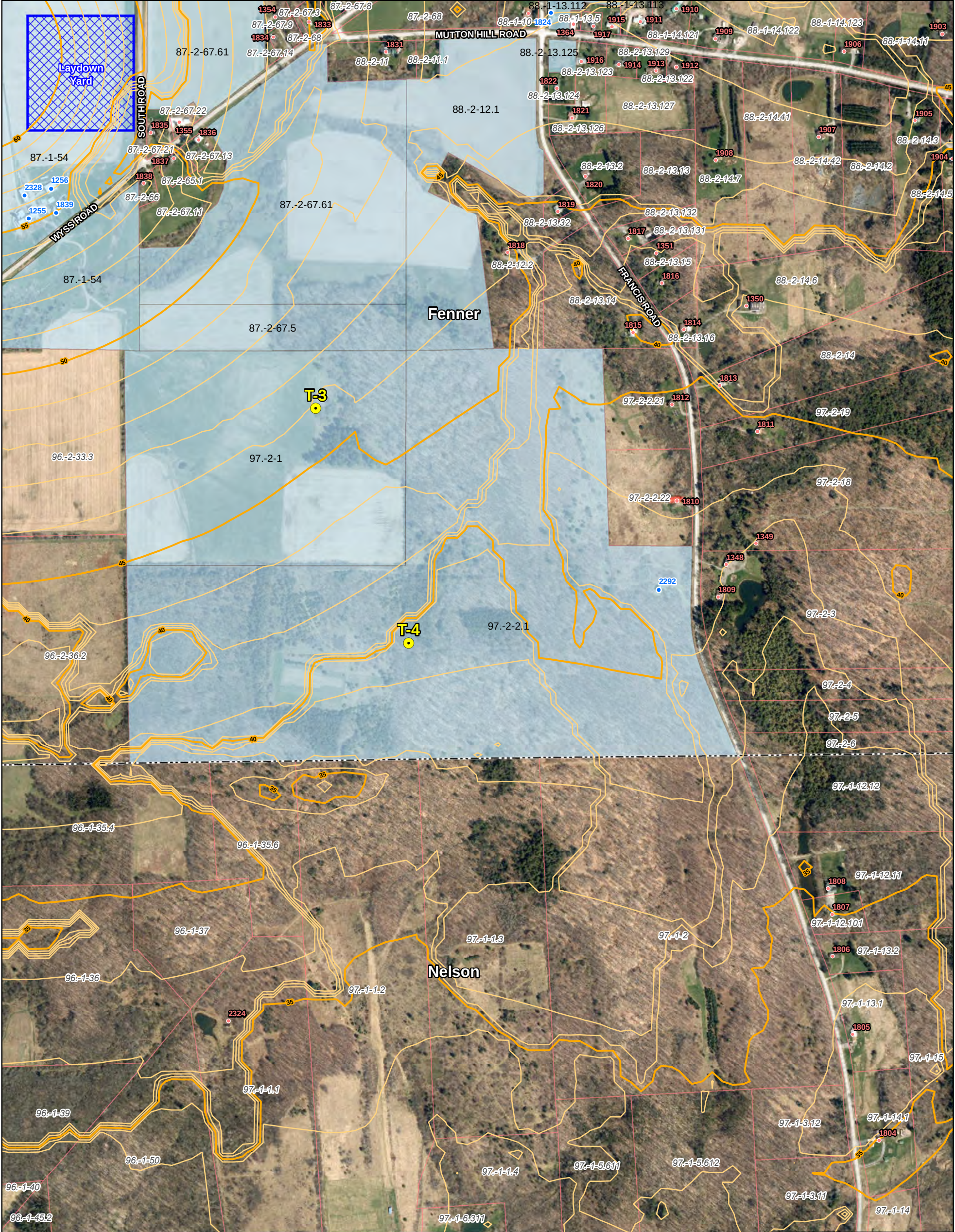
Scale 1:7,200
1 inch = 600 feet

0 300 600 Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1	2	3	4						
5	6	7	8	9	10				
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
			41	42	43	44	45	46	47

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LEGEND

● Wind Turbine

◆ Construction Site

● Participating Receptor

● Non-Participating Receptor

▨ Switchyard

▨ Collector Substation

▨ O&M Facility

▨ Concrete Batch Plant

▨ Laydown Yard

▨ Participating Parcel

▨ Non-Participating Parcel

▨ County Boundary

▨ City/Town Boundary

▨ State Route

▨ County Road

Predicted Sound Level (dBA)

— 5 dBA Contour Level

— 1 dBA Contour Level

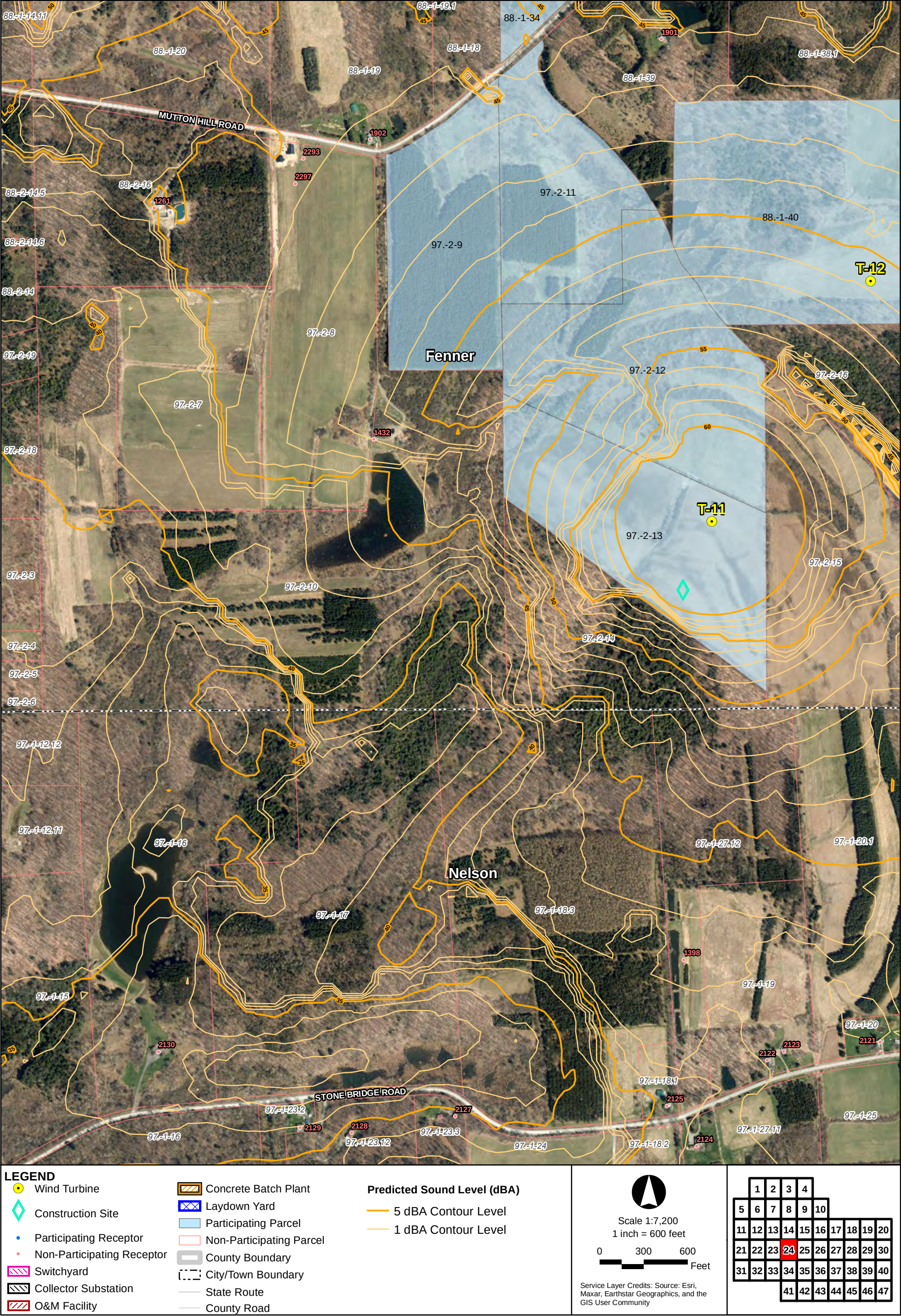
Scale 1:7,200
1 inch = 600 feet

0 300 600 Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1	2	3	4						
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11	12	13	14	15	16	17	18	19	20
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31	32	33	34	35	36	37	38	39	40
	41	42	43	44	45	46	47		

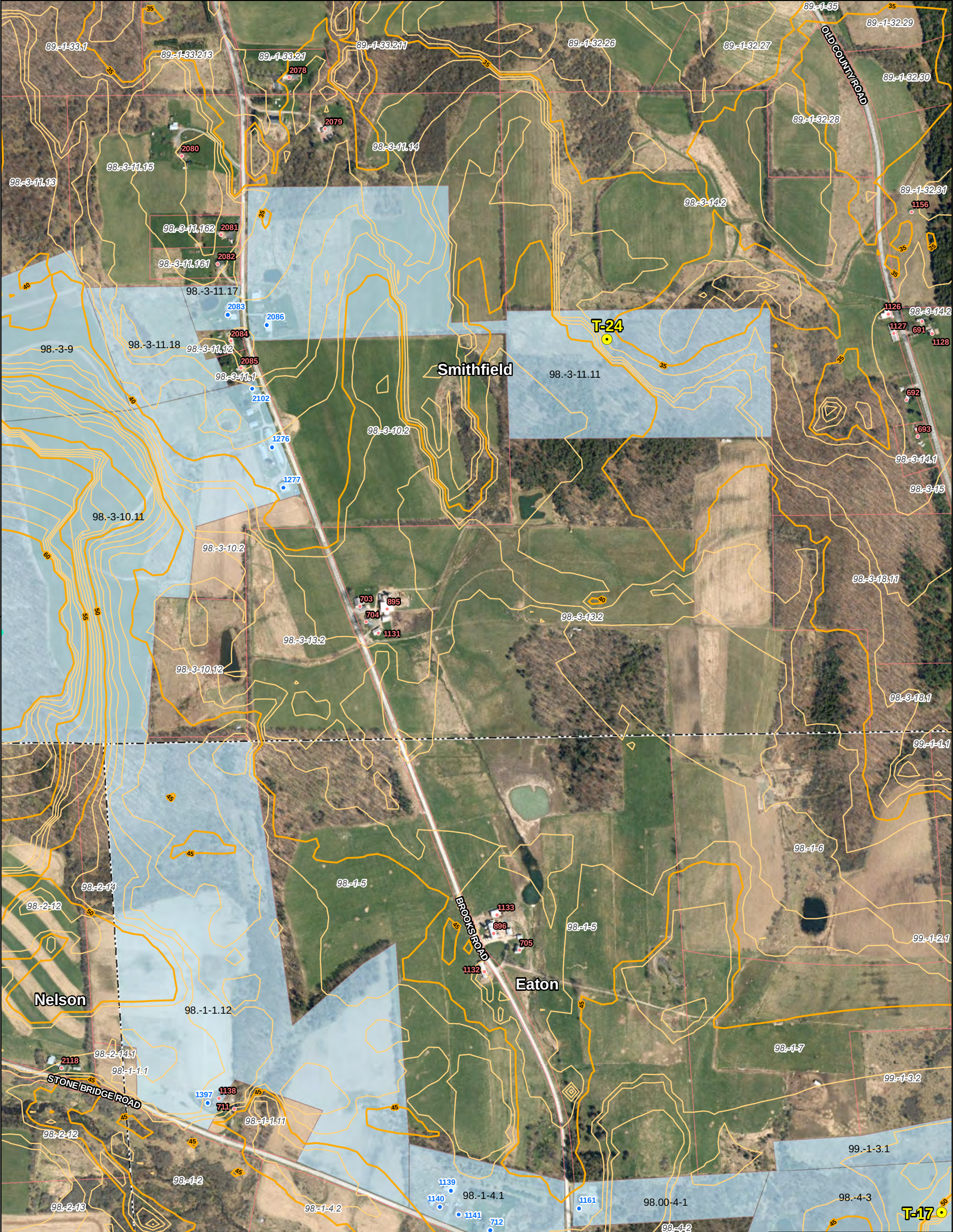
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LEGEND

- Wind Turbine
- Construction Site
- Participating Receptor
- Non-Participating Receptor
- Switchyard
- Collector Substation
- O&M Facility
- Concrete Batch Plant
- Laydown Yard
- Participating Parcel
- Non-Participating Parcel
- County Boundary
- City/Town Boundary
- State Route
- County Road

Predicted Sound Level (dBA)

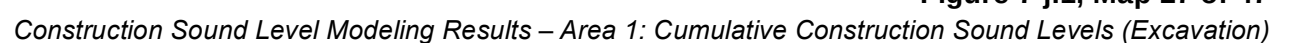
- 5 dBA Contour Level
- 1 dBA Contour Level

Scale 1:7,200
1 inch = 600 feet

0 300 600 Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1	2	3	4						
5	6	7	8	9	10				
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
			41	42	43	44	45	46	47



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LEGEND

Wind Turbine

Construction Site

Participating Receptor

Non-Participating Receptor

Switchyard

Collector Substation

O&M Facility

Concrete Batch Plant

Laydown Yard

Participating Parcel

Non-Participating Parcel

County Boundary

City/Town Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

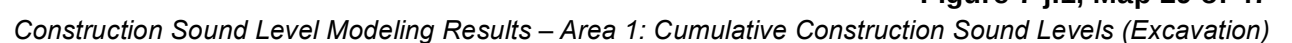
1 dBA Contour Level

Scale 1:7,200
1 inch = 600 feet

0 300 600 Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1	2	3	4				
5	6	7	8	9	10		
11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26
27	28	29	30	31	32	33	34
35	36	37	38	39	40	41	42
43	44	45	46	47			





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LEGEND

Wind Turbine

Construction Site

Participating Receptor

Non-Participating Receptor

Switchyard

Collector Substation

O&M Facility

Concrete Batch Plant

Laydown Yard

Participating Parcel

Non-Participating Parcel

County Boundary

City/Town Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

1 dBA Contour Level

Scale 1:7,200
1 inch = 600 feet

0 300 600 Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1	2	3	4						
5	6	7	8	9	10				
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
	41	42	43	44	45	46	47		

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LEGEND

Wind Turbine

Construction Site

Participating Receptor

Non-Participating Receptor

Switchyard

Collector Substation

O&M Facility

Concrete Batch Plant

Laydown Yard

Participating Parcel

Non-Participating Parcel

County Boundary

City/Town Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

1 dBA Contour Level

Scale 1:7,200
1 inch = 600 feet

0 300 600 Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1	2	3	4						
5	6	7	8	9	10				
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
			41	42	43	44	45	46	47